

New Methods of Examining the Oxidative Spoilage of Rais in  
Food Concentrates, by K. A. Stepanov.  
RUSSIAN, per, Konservnaya i Oboahchebnaya Prom,  
Vol XVII, No 5, 1962, pp 27-30.

GB/96

Sci - Biol

Feb 64

250,131

Devising Scientific Processing Schedules in  
Canning, by E. I. Kostrova, et al.

RUSSIAN, per, Konservannaya i Oveshchesushil'naya  
Promyshlennost, Vol XVII, No 6, 1962, pp 36-38.

GB/96

Sci-Misc  
July 63

236,284

**Aseptic Canning of Food Products, by  
K. P. Lemarin'e.**

**RUSSIAN, per, Konservnaya i Oyshchesushil'  
nya Promyshlennost, Vol XVII, No 8, 1962,  
pp 14-18.**

**GB/96**

**Sci-Biol  
July 63**

*236,285*

Bacterial Spoilage of Gamed Fish in Tomato Ketchup, by  
E. I. Kostrova, N. V. ...  
RUSSIAN, par, Konstruktivnyy Otschetchivaniya Prom.  
Vol XVII, No 9, 1962, pp 37-39.

GB/96

Sci - Biol

Feb 64

250,125

Action of Gamma Rays effect on the Speed of Ripening  
and Commercial Quality of Tomatoes, by  
L. P. Koval'skaya, E. V. Dorofeyeva, et al, 10 pp.

RUSSIAN, per, Konservnaya i Ovoshchesushil Prom,  
No 11, 1962, pp 20-26.

ACSI I-2181  
ID 2227650

Sci - Phys  
XI Mar 63

826,620

Passivation of Tinplate, by M. Ye. Prasakou.  
RUSSIAN, per, Koms Ovoch Prum, No 11, 1962,  
pp 27-30.  
\*BISI 7871

Sci-Materials  
Jan 70

Contemporary State of the Problem of Botulism  
Stimulant and Canned Food Production, by  
N. N. Mazokhina.

RUSSIAN, per, Konserv i Ovoshch Prom, Vol 17,  
No 11, 1962, pp 36-39.

HEW NIH 2-65-66 (On Loan)

JPRS 16913

2B/320

Sci/B&M

Apr 66

298,488

Sterilization of Canned Meats at 130° Centigrade,  
by B. L. Flaumenbaum, M. Ye. Valyavskaya, et al, *3 pp.*

RUSSIAN, per, Konservnaya i Ovoshchesushil Prom,  
No 12, 1962, pp 21, 22.

ACSI I-8300  
ID 2224780

Sci - ~~Med~~ Phys  
~~EX~~ 5 Mar 63

Change in the Tin and Iron Content of Canned Root Vegetables  
During Storage, by B. I. Solov'yeva.  
RUSSIAN, per, Konservyaya i Dyanchevalabil'naya Prom,  
Vol XVII, No 12, 1962, pp 29-31.

GB/96

Sci - Biol

Feb 64

250,130

Food Concentrates of Corn Flour, by E. G. Gorun,  
E. T. Dmitriyeva, *Syp.*

RUSSIAN, per, Konservnaya i Ovoshchesushil Prom,  
No 33, 1962, pp 6-8.

\*ACSI I-2206  
ID 2227658

USSR

Econ

8 Mar 63

New Types of Vegetable Preserves, by  
A. N. Cheyashvili, 5 pp.

RUSSIAN, per, Konservnaya i Ovoshecheshahil Prom,  
1963, pp 16-18.

AOI I-8337  
ED 229112  
925th MI Bn

Sci - Agri  
May 63

229,172

Influence of Gamma Rays on Some Albumen Fraction of  
Beef, by M. L. Frumkin, G. L. Pavlova, et al, 6 pp.

RUSSIAN, per, Konservnaya i Ovoshchesushii Proiz.,  
No 1, 1963, pp 19-22.

ACSI I-2380  
ID 2229429  
525th MI Bn

Sci - Biol & Med Sci

232,027

May 63

Utilization of Volatile Oils of Spice Plants in the  
Food Concentrate Industry, by K. A. Stepchikov,  
L. I. Kuznetsova, *4 pp.*

RUSSIAN, per, Konservnaya i Ovoshchesushil Prom,  
No 6, 1963, pp 23, 24.

\*ACSI I-3213  
ID 2244408

USSR  
Econ  
Aug 63

Freezing of Fruits and Vegetables With Limited  
Preliminary Drying, by A. S. Shelamova, N. A.  
Naumova, et al, 7 pp.

RUSSIAN, per, Konservnaya i Osohchesushil Prom,  
No 8, 1963, pp 15-18.

ACSI I-3484  
ID 2246306  
525th MI Gp

USSR  
Econ  
Nov 63

240, 780  
~~240, 771~~

New ~~XX~~ Types of Products, by G. S. Terziyev,  
O. I. Kuperman, et al, *4 pp.*

RUSSIAN, per, Konservnaya i Ovoshchesushil Prom, No 8,  
~~1962~~ 1963, pp 20-22.

\*ACSI I-3539  
ID 2250283

USSR  
Econ  
Oct 63

Preliminary Research in the Study of the  
Effects of Ionizing Rays on the Storage Life  
of Fresh Tangerines, by Koval'skaya,  
Silayeva, 9 pp.

RUSSIAN, per, Konservnaya i Obozhesushii  
Pran, No 9, 1963, pp 26-30. *9690812*

ACSI I-3784  
ID 2253796

*248,311*

USSR  
Econ  
Sci - Agri  
Jan 64

U  
E

Specialization and Improvement of the Technology  
of Meat and Combination Meat-Vegetable Canned  
Products-The Importance of Lessening  
Dependence on Seasonal Supply, by A. I. Barmash,  
3 pp.

RUSSIAN, per, Konservnaya i Ovoshchesushil Prom,  
No 9, 1963, pp 33, 34.

ACSI I-3572  
ID 2250292

2 B 196

USSR  
Econ

Dec 63

Factors Influencing the Keeping Period and  
Quality of Fresh Fruits, Berries, and Vegetables  
Treated With Gamma Rays, by L. P. Koval'skaya,  
7 pp.

RUSSIAN, par, Konservnaya i Ovoshchesushil Proa,  
No 10, 1963, pp 22-26. 9690703

ACSI I-3904  
ID 2253814

Sci - Agri  
Jan 64

248, 825

FSTC

R-4563-D  
2 Nov 64

Let Us Use to the Utmost Extent the Resources of the  
Food Industry, pp 1-3

Tasks of the Science and Tech Society of the Food  
Industry, pp 38-40

Konservnaya i Ovoshesushil'naya Promyshlennost, No 12,  
1963, pp2

Russian - est. for, wds:

\*JPRS

nc  
Type an original and 4 carbon copies.  
Make cover sheet



A. M. Voytko

R. I. Kovaleva

*Investigation of some physical characteristics of concentrated grape juice. 7 pp.*

*RUSSIAN, per, Konservaya i Ovoshchesushil'naya*

*Promyshlennost', No 11, 1964, pp 28-30*

*AIR/FTD-MT-24-1691-71*

*june 72*

The Effect of Irradiation on the Microflora of Beef,  
by T. S. Bushkova, G. V. Ladukina, 3 pp.  
RUSSIAN, per, Konservnaya i Ovoshnaya Prom,  
No. 1, 1964, pp. 25-28.  
ACSI I-4371  
ID 2204008864  
525th MI B Gp

Sci - Agri  
USSR  
Econ  
May 64

254,856

New Governmental Standards Canned Food Products.  
Methods of Bacteriological Analysis, by N. N. Mazokhina.

*4 pp.*

RUSSIAN, per, Konservnaya i Ovoshchesushil Prom,  
No 1, 1964, pp 35, 36.

\*ACSI I-4339  
ID 2204007864

Sci - Biol & Med Sci  
Mar 64

New Developments in Food Technology, 30 pp.  
FOR OFFICIAL USE ONLY  
RUSSIAN, per, Koozary i Cvozhchesnobi Prom. No 5,  
1964, pp 9-14; 17-21; 23-25; 33-43. 9697174  
FSTC 381-T64-191

Sci - Misc  
Jun 65

279,645

Oxymethylfurfurol Content in Concentrated Tomato  
Products, by M.S. Mordkovich, G.G. Ganetskaya.  
RUSSIAN, per Konserv. I. Ovoshchesushil. Tr. Vses. Nauch. Akad. Khim. Nauch. Inst. Khim. Prilozh. Vol. 19,  
No. 7, 1964, pp 30-32  
NLL/5828.4 1965 (5642)

Sci -  
Sep 67

339-766

V. Z. Zhadan

*Specific heat of food products. 10 pp.*

*RUSSIAN, per, Konservnaya i plodoovoshchnaya*

*prom'shennost', No 1, 1939, pp 27-30*

*AIR/FTD-HC-23-149-72*

*june 72*

Constitution and Basic Statutes of the Mongolian  
People's Republics: 1952, by S. S. Demidov

(CSO-3590)

RUSSIAN, bk, Konstitutsiya i Osnovn'ye Zakonodat-  
el'nyye Akty Mongol'skoy Narodnoy Respubliki,  
Moscow, 1952, pp 5-250

\*JPRS

Far East - Mongolia

Pol - Legal

Nov 62

UKASE OF THE PRESISIUM OF THE SMALL R KHURAL OF  
THE MPR OF 6 AUGUST 1948 ON THE JUDICIAL  
SYSTEM OF THE MONGOLIAN PEOPLE'S REPUBLIC,  
11 PP.

RUSSIAN, BK, KONSTITUTSIYA I OSNOVNYYE  
ZAKONODATEL'NYYE AKTY MONGOLSKOY NARODNOY  
RESPUBLIKI, 1952, PP 252-268.

JPRS 16986

FE - MONGOLIA  
POL  
JAN 63

219,081

Design of Flying Craft, by V. D. Bal' and  
I. P. Vlasov, 385 pp.  
RUSSIAN, by Konstruktsiya Letatel'nykh Apparatov,  
Moscow, 1963, pp 85-113, 1241386; 443-464, 9695477  
FTD-TT-64-1018

Sci - Aero  
Dec 64

269,779

*Aircraft Construction*  
Design of Flying Craft, by V. L. Bel'skiy,  
I. P. Vlasov.

RUSSIAN, bk, Konstruktsiya Letatel'nykh  
Apparatov, 1963, pp 1-84; 114-123; 387-444.

OPTD-TT-65-1573 P100069567-V

Sci-Aerospace  
Jan 66

REC TR CHECK

5-12-1

TH09

STRUCTURAL AND FORCE DIAGRAMS OF THE LANDING  
GEARBEL'SKIY, V.L.; VLASOV, I.P.; ZAYTSEV, V.N.;  
KAN, S.N.; KARNOSHITSKIY, V.P.; KOTS, V.M.  
UR: KONSTRUKTSIYA LETATEL'NYKH APPARATOV,  
(BOOK); 1963, CHAPTER 21, pp. 507-532

*Process in as  
MT 72-24-1826*

T of C and Review of  
Design and Cast Parts, by N. E. Saalyakov,  
B. A. Moskov, 5 pp.

RUSSIAN, bk, Konstruirovaniye Litykh Detaley,  
Kiev, 1957, 210 pp.

B-399  
Head, Lib Sv Sec  
Air Info Div  
Lib Congress

Microstructural Study of the Reversible  
Temper Brittleness of Low-Carbon Low-  
Alloy Steel, by O.S. Kostyko, M.P.

Braun.

RUSSIAN, per Konstr. I. Sharoproch. Splavy.

an Ukr. SSR Inst. Litein. Proizv, 1963,

pp 124-130

NLL/5828.4 1965 (5704)

Sci -  
Aug 67

337-621

T/C and bk review  
Design of Special-Purpose Automatic and Semi-  
automatic machine-tools, by I. M. Kucher, 8 pp.

RUSSIAN, bk, Konstruirovaniye spetsializirovannykh  
stankov-avtomatov i polnavtomatov, 1952, 260 pp.

Head, Lib Sv Sec  
Air Info Div, Lib Cong

2 Aug 58

Engineering Design and Structural Analysis  
of Nuclear Reactors, by N. F. Mel'nikov. 582 pp.  
RUSSIAN, bk, Konstruktivnye Formy i Metody  
Rascheta Konstruktsii Yadernykh Reaktorov,  
1963.  
AEC-tr-6640

Sci - Elect & Elec Engr  
Jun 67

326,031

Aircraft Engine Design, by G. A. Kus'min,  
405 pp.  
RUSSIAN, bk, ~~Konstruktivna Aristatsionnykh~~  
Dvigately, 1962, pp 3-443.  
F100030468-V  
FTD-MT-64-402

Sci-Aeronautics  
Feb 68

350,576

Designs and Computations of Metal and Reinforced  
Concrete Supports for Electric Transmission  
Lines, by K. P. Kryukov, A. I. Kurnosov,  
RUSSIAN, rpt, Konstruktsiy i Raschet Metallich-  
eskikh i Zhelezobetonnykh opor Liniy Elektro-  
peredachi, 1964, pp 7-55, 68-89,  
DIA LN 143-67

Sci-Mech  
Jul 67

330,766

The Design and Construction of Non-Rigid  
Top-Surfaces for Motorways, by A. K. Birulya.  
RUSSIAN, bk, Konstruktirovani<sup>e</sup> i Raschet  
Nezhestkikh Obozhd Avtomobilnykh Dorog,  
1964, 166 pp.  
NLL R. 35114

Sci-Engr  
June 66

301,458

Ladygina-Kots, N. N.

RUSSIAN, bk, Konstruktivnaya Orudinaia  
Deyatel'nost' Vysshikh Obez'yan (shimpanze).  
Akad Nauk SSSR, Institut Filosofii, Moscow,  
1959, pp 1-397.

PL-480  
OTS 61-31013

Dec 61

Constructive Theory of Functions, by I. P.  
Natanson, 688 pp.

RUSSIAN, bk, Konstruktivnaya Teoriya  
Funktsii, 1949.

\*AEC

Sci - Phys  
Sep 60

Construction Shapes and Calculations for  
Nuclear Reactor Construction,  
by N. P. Mel'nikov,  
RUSSIAN, bk, Konstruktivnye Formy i Metody  
Rascheta Konstruktsii Yadernykh Reaktorov,  
Moscow, 1963, 520 pp.  
\*CFSTI  
AEC-tr-6640

Sci - Eng  
May 66

300,5843

Constructive Optimal Coding Methods for Noisy  
Channels, by B. S. Flayshman, 311 pp.  
RUSSIAN, bk, Konstruktivnyye metody optimal'nogo  
Kodirovaniya Dlya Kanalov s Shumom, Moscow, 1963,  
pp 1-224.  
JPRS 24689

Sci - Elec  
Apr 64

254, 331

Aluminum Alloy Design -- Handbook Data,  
18 pp.  
RUSSIAN, bk, Konstruktsii iz Alyuminiyevykh  
Splavov -- Spravochnyye Materialy, 1964,  
pp. 8-18, 63-67, 77 and 88.  
JPRS 30484

USSR  
Sci-M/M  
Jun 65

281,567

Introductory Remarks on the Evolution and Uses of  
Soviet Military and Civilian Airplanes, by N. N.  
Shul'zhenko.

RUSSIAN, bk, Konstruktsii Samoletov, publ by State  
Publishing House, Defense Industry, Moscow, 1953,  
pp 12-24.

Rand Corp T-72

USSR  
Mil - Aviation  
Econ - Airplanes

Aug 57

50,971

Dealing with the Evolution and Uses of Soviet  
Airplanes, by M. N. Shul'zhenko, 24pp  
RUSSIAN, per, Konstrukstii Samoletov, 1953,  
pp 12-24  
SLA  
OTS HC TT-64-71622

Sci - Eng  
May 67

327,410

Aircraft Structures, by M. N. Shulzhenko, 871 pp,  
(AF 630287).

RUSSIAN, bk, Konstruktsii Samoletov. Edition II,  
publ nby Min of Defense, 1953.

ATIC F-ES 8415/V

Sci- Aeronautics  
USSR  
Economic; Military  
Nov 57

55,556

Structures With Foam Plastic Fillers by  
A. Ya. Alexandrov, M. Ya. Borodin, 244pp.

RUSSIAN, bk, Konstruktsii s Zapolnitelyami  
iz Penoplastov, Moscow, 1962, pp 1-187.

9670417-V

FTD-TT-63-61

Sci - Phys

Oct 63

345, 145

Structural Strength of Light Alloys  
and Steels, 149 pp.  
RUSSIAN, bk, Konstruktsionnaya Prochnost'  
Legkikh Splavov i Staley, Moscow,  
1964, pp 1-168.  
FTD-MT-65-92

Sci - Materials  
Mar 67

320,059

Structural Damping in Permanent Joints by  
N. G. Kalinin, Yu. A. Izrael'skiy, 1960  
RUSSIAN, in: Konstruktsionnyye Osnovaniya y  
Nepodviznykh Soedineniyakh, 1960, pp. 3-169.  
9693051-Y  
FTD-TT-63-755

Sci - Engr  
Jul 64

262,380

Hydrostatic Extrusion of Carbon and Graphite  
Materials, by A. M. Sigarev & Ye. A. Leont'yev.

5 PP.

RUSSIAN, per, Konstruktivnyye Uglegrafitnyye  
Materialy, Sbornik Trudov., No 1, 1964, pp 30-33.

F109073868-V

FTD-HT-23-633-67

Sci/Mech, Indus, Civ & Mar Engr  
May 68

356,777

Gypsum Walls. Design of Civil Buildings,  
9 pp.

RUSSIAN, per, Konstruktiv Grazhdanskikh  
Zdaniv, Vol III, 1946, pp 265-279.

SIA Tr R-453

Sci - Eng  
Jul 57

49,999

Walls of Large-Size Slabs. Design of Civil  
Buildings, 8 pp.

RUSSIAN, per, Konstruktiy Grachdanskikh Zdanii,  
Vol III, 1946, pp 200-291.

SIA Tr R-515

Sci - Eng  
Jul 57

50,542

Mud Walls. "Design of Civil Buildings," 16 pp.

RUSSIAN, per, ~~Konstruktiy Greshdenakikh Zdanij,~~  
Vol III, 1946, pp 325-349.

SIA Tr R-454

Sci - Eng  
Jul 57

50, 541

Riveting Light Alloys Structures, by V. P.  
Grigor'yev, P. B. Goldovskiy, 436 pp. (AF 1003461)

RUSSIAN, bk, Konstruktsey iz Legkikh Splavov,  
1954, 348 pp.

ATIC F-TB-10032/V

USSR

56,976

Econ

Dec 57

Design of Aircraft Gas-Turbine Engines, by  
A. V. Shchada, S. P. Alekshchenko, 571 pp.  
RUSSIAN, in, Konstruktsiya Avialomovkh  
Gazoturbinykh Dvigatel'ey, Moscow, 1961, pp 3-411.  
9693284-Y  
FTD-TT-63-405

Sci - Engr  
Aug 64

264,108

Design of Aircraft Engines, by G. A. Kuz'min.  
RUSSIAN, bk, Konstruktsiya Aviatsionnykh  
Dvigatelyey, Oborongiz, Moscow, 1962, ~~pp~~ 443 pp.  
\*FTD<sup>2</sup>MT-64-402

Sci - Engr  
Sep 64

Design and Economics of Aircraft, by D. L. Tomashevich,  
251 pp.

RUSSIAN, bk, Konstruktsiya i Ekonomika Samaleta,  
Moscow, 1960, pp 1=202. 9695760

FTD-MT-64-102  
NO GOV'T USE ONLY

Sci - Engr  
Jan 65

271,434

Construction and Operation of the M-11FR Engine,  
by G. V. Senichkin, 24 pp.

RUSSIAN, bk, Konstruktsiya i Eksploatatsiya  
Dvigatelya M-11FR, 1958, pp 202-218, 248-251.

ATIC F-TS-9293/V

Sci - Engr

57,870

Man 58

The M-11FR Aircraft Engine <sup>by G. V. Senichkin,</sup> 3 pp.

RUSSIAN, per, Konstruktsiya i Eksplyatsiya  
Dvigatelya M-11FR, 1956.

AF 1109258

Sci - Aeronautics  
Oct 57

53,725

Underwater Cable Design, by I. Ye. Yefimov,  
et al, 18 pp.  
RUSSIAN, in, Konstruktivnye i Elektricheskiye  
Kharakteristiki Kablov Svyyazi, 1959, no. 4/2-  
488.  
JPRS 42209

I. Ye. Yefimov

USSR  
Sci-Nav. Com.  
Sept 67

336,987

Structural Design of Sea-Going Ships, by  
N. Barabanov,  
RUSSIAN, bk, Konstruktsiya Korpusa Morskikh  
Sudov, pp 9-454.  
Peace Publishers, Moscow (Available from CIA Lib)

Oct 66

312,970

1817H

<sup>3</sup>  
Catalysis of Hydrocarbons With Oxide Catalysts.  
Communication 1. The Effect of Temperature and Volume  
Rate on the Dehydrogenation of n-Hexane Under Condi-  
tions of Its Aromatization, by Ye. A. Timofeyeva,  
V. B. Smirnov, Yu. N. Pletnikov, 9 pp.

RUSSIAN, bk, Kontaktirovaniye uglevodorodov oksidnymi  
katalizatorami. Soobshcheniya 1. Vliyaniye Temper-  
atury i ob'emnoy skorosti na degidrogenatsiya n-  
geksana v usloviyakh yego aromatizatsii, pp 1-10.

Contact Phenomena, by G. E. Pikus.

RUSSIAN, mono, ~~Sci-~~ Gotaktnye Yavleniya, Moscow,  
1963.

\*CB

Sci-  
Nov 63

<p>Galin, L. A. CONTACT PROBLEMS IN THE THEORY OF ELAS- TICITY H. Moss, tr. Oct 61, 233p refs. Contract Nour486 06. Order from North Carolina State Coll., Raleigh \$2.00</p> <p>Trans. of mono. <u>Kontaknye Zadachi Teori Upругosti</u> [Moscow, 1953].</p> <p>(Mechanics, TT, v. 12, no. 6)</p>	<p>TT-64-22353</p> <p>I. Galin, L. A. II. Contract Nour486 06 III. North Carolina State Coll., Raleigh</p> <p>Office of Technical Services</p>
--	--

J-939/64

Contrabandists in Full Dress, by Igor' Itskov, 49pp.

RUSSIAN, bk, Kontrabandisty vo Frakakh,  
Moscow, 1964, pp 1-94.

\*JPRS/DC-10622/SPECIAL

USSR  
Pol  
Jul 64

Quality Check on Fuel and Lubrication  
Materials, 14 pp. UNCLASSIFIED

RUSSIAN, rpt, Kontrol' Kachestva Goryuchykh  
Surochnykh Materialov, 12 pp. 65 7743

ATIC MEL-443/III

Sci - Fuels

Apr 60

112, 797

QUALITY CONTROL IN FIELD WELDING, BY I. YE.  
NEYFEL'D, A. S. FAL'KEVICH, 92 PP.

RUSSIAN, BK, KONTROL' KACHESTVA SVARKI NA  
STROITEL'STVE, 1960, PP 57-86, 93-111, 111-  
121, 148-155, 155-161. 9677439

FTD-TT-62-274

SCI-ENGR

10 JUL 62

202,279

Quality Control of Production in the Machine  
Building Industry, by V. I. Gostov, A. V.  
Belousov, 368 pp. (AF 1057226)

RUSSIAN, bk, Kontrol' Kachestva Produktov v  
Mashinostroyeni, Moscow, 1955, pp 1-205,  
551-633. CIA 642024/V

ATTC F-78-9131/V

USSR

Leon

75,624

Oct 58

Quality Control in Field Welding, by I. Ye. Neyfel'd,  
A. S. Fal'kevich, I. S. Livshits, Uncl. 92pp

RUSSIAN, bk, Kontrol' Kachestva Svarki na Stroitel'stve,  
Moskva, Gostroyizdat, 1960, pp 57-86, 93-121, 148-161.

9072434

FTD TT-62-274

Sci - Engen

OTS 62-32412

Mar 62

Machine and Assembly Shop Inspector, by I. A.  
Grigoryev, 118 pp.

RUSSIAN, bk, Kontrolor u Mehanickim i Montaznim  
Radionicama, Industrijska Knjiga, Belgrade, 1949.

ATIC F-TS-8265

11,432

USSR  
Economic  
CIA 2519436

ATIC 144159A2

Stress Concentration Around Holes, by G. N. Savin.  
UNCL

RUSSIAN, bk, Kontsentratsiya Napryazheniy Okolo  
Otverstiy, publ by Gostekhteorizdat, 1951.

~~DSIR Lending Lib Unit (no number given)~~  
~~(Info from LLU Tr Bul Aug 59, p 11).~~

Sep 59

*Pergamon Institute*  
*Book sent to OSI 9 Feb 62*

Convective Heat Transfer in Two-Phase and  
One-Phase Flows, by V. M. Borishanskii,  
I. I. Paleev, 395 pp.

RUSSIAN, bk, Konvektivnaya Teploperedacha  
v Dvukhfaznom i Odnofaznom Potokakh, 1964

CFSTI TT 68-50328

AEC-Tr-6877

UC-38

Sci/phys

Convection and Radiation Heat Exchange.

RUSSIAN, bk, Konvektivnyy i Luchisty Teploobmen,  
1960, 254 pp.

\*ATTC MCL-1108/1-2

Sci - Phys  
Jun 61  
C-1043

PP 16-24 9671169 (14 pp)

p 118 CIA/FDD - 4772

368 pp FTO-77-62-395 9666848-V  
(1-2544)

Convection and Radiation Heat Transfer, by  
various authors, 368 pp.

RUSSIAN, bk, Konvektivnyy i izluchistyy teploobmen,  
1960, pp 254.  
9666848

FID-IT-61-395

Sci - Phys  
Nov 62

216,935

Heat Exchange at the Frontal Points of Blunt  
Bodies Washed by a Supersonic Gas Flow,  
by V. P. Motulevich, 16 pp.

RUSSIAN, bk, Konvektivnyy i Luchisty  
Teploobmen, Moscow, 1960, pp 16-24. 9671169

FED MCL-1108/1

Sci - Phys

171,547

20 Oct 61

Generalization of Experimental Data on the Viscosity and Heat Conductivity of Liquid Metals,  
by A. G. Usmanov, 9 pp.

~~RUSSIAN, bk, Konvektivnyy i Luchistyyy Teploobmen  
Moscow, Iz Ak Nauk SSSR, 1960, pp 97-106.  
9678826~~

FTD-TT-62-933

Sci-Hin/Metals  
Dec 62

217,589

Radiative Transfer Between Surfaces of Arbitrary  
Spatial Distribution of Reflexion, by G. L. Polyak,  
34 pp.

RUSSIAN, bk, Konvektivnyy i Luchestyy Teploobmen,  
1960, p 118.

CIA/FDD X-4792

NSF TT-12  
/79, 043

Sci - Phys

Jan 62

TT-64-1586?

Fillmonov, S. S., Khrustalev, B. A., and Adrianov, V. N.  
MEASUREMENT OF THE CONVECTIONAL AND RADIATION COMPONENTS OF A COMPLEX HEAT EXCHANGE PROCESS BY A TWO RADIOMETER METHOD (Izmerenie Konvektivnoi i Luchistoi Sostavlyayushchikh Slozhnogo Teploobmena Metodom Dvukh Radiometrov)

J. P. Ruban, tr. [20p] (foreign text included) 1 refs  
[CSIRO] Trans. no. 6616.  
Order from OTS, SLA, or ETC \$1.60 TT-64-1586?

Trans. of mono. Konvektivnyi i Luchisty Teploobmen  
[Convective and Radiant Heat Exchange, Moscow] 1960,  
p. 133-144.

(Physics--Thermodynamics, TT, v. 12, no. 5)

- I. Fillmonov, S. S.
- II. Khrustalev, B. A.
- III. Adrianov, V. N.
- IV. Title: Convective...
- V. CSIRO-Trans-6616
- VI. Commonwealth Scientific and Industrial Research Organization, Melbourne (Australia)

Office of Technical Services

Measurement of the Convective and Radiation  
Components of a Complex Heat Exchange Process by  
a Two Radiometer Method, by S. Filimonov.  
RUSSIAN, per, Konvektivnyi i Luchisty Teploobmen  
1960, pp 134-144  
CSIRO/NO. 6616

Sci -  
July 1967

334-400

The Converter Smelting of Steel, by S. I. Filippov,  
P. P. Arsenbyev, V. V. Yakovlev.

RUSSIAN, bk, Konvertornaya Plocha Stali, Moscow,  
1959, 432 pp.

IT

Sci - Engr

Apr 61

(NY-6639)

Basic Trends and Prospects for the Development  
of Science in Siberia, by A. A. Trofimuk, 9 pp.

RUSSIAN, rpt, Konferentsiya po Razvitiyu  
Proizvoditel'nykh sil -- Razvitiye  
Proizvoditel'nykh sil Vostochnoy Sibiri,  
1960, pp 95-100.

JPRS 10101

Sci - Misc

171,044

Oct 61

Relationships Between the Elements of Large-Scale  
Atmospheric Motions and Certain Prognostic  
Consequences, by M. I. Yudin.

RUSSIAN, bk, Koordinatsionnaya Komissia po  
Chislennym Metodam Prognoza, 1961, pp 5-24.

WE/Tr-94

Sci - Geophys  
Feb 63

221,461

Numerical Method of Forecasting  $\Sigma$  for a High Level  
Pressure Field, by N. N. Bel'skaya, P. K. Dushkin,  
et al.

RUSSIAN, bk, Koordinatsionnaya Komissia po  
Chislennym Metodam Prognoza, 1961, pp 25-35.

\*Weather Bureau

Sci - Geophys  
11 Feb 63

On the Results of a  $\kappa$  Forecast of the Geopotential  
Field at the 500 and 850 mb Levels for 24 & 48 Hours  
by Means of a Two-Level Model, by M. I. Yudin,  
A. A. Koblakova.

RUSSIAN, bk, Koordinatsionnaya Kommissia po  
Chislennym Metodam Prognoza, 1961, pp 36-43.

\*Weather Bureau

Sci - Geophys  
11 Feb 63

62-11738

Yudin, M. I.  
A COMPLETE SYSTEM OF EQUATIONS FOR DETERMINING NON-GEOSTROPHIC WIND AND VERTICAL MOTIONS (Polnaya Sistema Uravnenii dlya Opredeleniya Agcostroficheskogo Vetra v Vertikal'nykh Dvizhenii) tr. by Irene A. Donehoo. June 62, 10p.  
9 refs.

Order from OTS \$0.50

62-11738

- I. Yudin, M. I.
- II. Title: Materials...
- III. Weather Bureau,  
Washington, D. C.

Trans. of mono. Koordinatsionnaya Komissiya po Chislennym Metodam Prognoza [Materials of the Conference of the Coordinating Commission on Numerical Forecast Methods] Materialy Soveshchaniya, Leningrad, 1961, p. 63-70.

DESCRIPTORS: \*Wind, Motion, Velocity, \*Weather forecasting, Equations

In this article a system of equations is developed for determining the deviations of wind from the geostrophic (Earth Sciences--Meteorology, TT, v. 8, no. 7) (over)

Office of Technical Services

Gandin, L. D.  
ON THE OBJECTIVE ANALYSIS OF METEOROLOGICAL FIELDS (Ob Ob'ektivnom Analize Meteorologicheskikh Polov)  
H. K. Gold, tr. Jul 62, 16p 8refs  
Order from OTS \$0.50

TT-62-11745

Trans. of mono. Koordinatsionnaya Komissiya po Chislennym Metodam Prognozov [Conference of the Coordinating Commission on Numerical Forecast Methods]. Materialy Soveshchaniya, Leningrad, 1961, p. 94-105. (Abstract available)

DESCRIPTORS: \*Weather forecasting, Meteorological parameters, Mathematical prediction, Meteorological charts, Barometric pressure, Meteorology

In this article a technique and a number of results of objective analysis of field at high isobaric surfaces by means of an optimum interpolation, are presented.  
(Author)

TT-62-11745

- I. Gandin, L. D.
- II. Yudin, M. I.
- III. Title: Conference...
- IV. Weather Bureau,  
Washington, D. C.

(Earth Sciences--Meteorology,  
TT, v. 11, no. 7)  
Office of Technical Services

Hauling Freight in Containers and Packages,  
by Ya. A. Liv'yant, Yu. N. Tikhonshuk,  
RUSSIAN, per, Koordinatsiya Raboty Avtomobil'-  
nogo i Zheleznodorzhnogo Transporta, 1963,  
pp 156-229  
RSTC-HT-23-29-67

Sci - Mat  
Oct 67

342,733

FSTC HT-23-29-67

R-8180-D

11 Apr 67

Coordination of the work of automotive and rail transport

By: Liv'yant, Ya.A.; Tikhonchuk, Yu N.;, et al

From: Koordinatsiya Raboty Avt. i Zhelez. Transporta,  
Moscow, 1963 pp156-229 (73 pp )

Russian - est for wds:

Please translate and type 1 camera ready copy. Document can be cut. Please prepare Data Handling page and make covers as samples attached. (DC office please xerox 3 copies of translation)

The Cerebral Cortex and the Function of the  
Vestibular Apparatus, by E. Sh. Ayrapet'yants,  
V. A. Kislyakov, 49 pp.  
RUSSIAN, per, Kora Bol'shikh Polushariy i  
Funktsiya Vestibulyarnogo Apparata, Ak Nauk  
SSSR, 1962, pp 1-4, and 609-619. FT6000547548  
FTD-TT-66-30

Sci - Biol & Med Sci  
Dec 66

314,201

The Cerebral Cortex and Its Role in the  
Functions of the Vestibular Analyzer,  
by K. L. Khilov.

RUSSIAN, bk, Kora Golovnogo Mozga u  
Funktsiy Vestibulyarnogo Analizatora,  
1952, pp 1-84.  
Dept of Navy/NIC 2853

Sci-B&M  
Aug 69

388,693

A Study of the Minerals of Podzolic Soils With  
Regard to their Formation Process, by E. I.  
Parfenova, 19 pp.

RUSSIAN, per, Kora Evnatsivnaya, Vol II,  
1956, pp 31-44. 9099503

OT<sup>S</sup> 60-21836  
P1-480

Sci - Biol

193,467

May 62

A Mineralogical Study of the Sub-Alpine  
Chernozem Developed on Andesite Basalt, by  
E. A. Yarilova, 21 pp.

RUSSIAN, per, Kora Vyvetkivaniya, No 2, 1956,  
pp 45-60. 9099504

OTS 60 21837  
PL-480

Sci - Biol

192, 468

May 62

Crystallochemical Peculiarities of Efflorescent  
Minerals, by Ye. G. Kukovsky.  
RUSSIAN, per, Kora Vyvertriv. Nol 6, 1963,  
pp 67-70.  
CRL/D.650

sci/ materials  
aug 69

309,730

62-13394

Solovev, V. I. and Chumak, D. A.  
EXPERIMENTAL INVESTIGATIONS OF PROPELLERS  
IN NOZZLES AT THE CENTRAL AERO-HYDRO-  
DYNAMIC INSTITUTE (MOSCOW) tr. by B. V.  
Nakonechny. Mar 61 [17]p. 2 refs. DTMB Trans 302.  
Order from OTS or SLA \$1.60 62-13394

I. Solovev, V. I.  
II. Chumak, D. A.  
III. DTMB Trans-302  
IV. David Taylor Model Basin,  
Washington, D. C.

Trans. of mono. Korabelnye Dvizhiteli, n. p., 1948,  
p. 301-312.

DESCRIPTORS: \*Nozzles, \*Marine propellers,  
Model tests.

This report presents in condensed form the results of  
experimental investigation of three- and four-bladed  
propellers in nozzles. The experiments included nine  
nozzles of different form and various length-diameter  
ratios. Propellers having different pitch- and disc-  
area ratios were used. The diameter of propellers  
was 200 mm. The results of the experiments are pre-  
sented in form of performance characteristics curves.  
(Engineering--Ship Building, TT, v. 7, no. 11) (over)

Office of Technical Services

(SF-2164)

SHIP-BORNE AIR DEFENSE FACILITIES, BY K. V.  
MOROZOV, 86 PP.

RUSSIAN, EN, KORABEL'NYE SREDS'TVA PVO, 1960, PP 1-  
122.

JPRS 13612

USBR  
NIL  
MAY 69

193,389

Ships of Interplanetary Space, by Y. S.  
Kryuchkov, 67 pp. UNCL

RUSSIAN, bk, Korabli Mezplanetarykh Pros-  
transty, Moscow, 1958, 72 pp.

MEIC F-28-9931/V

Sci - Space Res

Aug 59

94,956